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WOOD (WALTER A.) MOWING
AND REAPING MACHINE CO.

THE WALTER A. WOOD SELF-BINDING
HARVESTER

(1893)

ILLINOIS HISTORICAL SURVEY.

1878.

ESTABLISHED 1853.

1878.

WALTER A. WOOD
MOWING & REAPING MACHINE CO.,

Exclusive Manufacturers of the

WALTER A. WOOD

WORLD-RENOWNED

 **HARVESTING**  **MACHINES.**

HOOSICK FALLS, N. Y.

GENERAL WESTERN OFFICE:

No. 80 Taylor Street, Chicago, Illinois.

Address WALTER A. WOOD, President.

FOR SALE BY

ANDERSON & HOLLENBECK,

DELEVAN, ILLS.

FOR THE HARVEST OF **1878**

WE SHALL OFFER TO THE FARMING COMMUNITY:

Wood's Improved Iron Mower for Two Horses, 4 ft. 3 inch cut.
 Wood's Improved Iron Mower for Two Horses, 4 ft. 6 inch cut.
 Wood's Improved Iron Mower for One Horse, 3 ft. 6 inch cut.
 Wood's Mower, with Manual Delivery Reaping Attachment, 4 ft. 6 inch cut.
 Wood's Improved Sweep-Rake Reaper, Senior, 5 ft. 6 inch cut.
 Wood's Improved Sweep-Rake Reaper, Junior, 5 ft. cut.
 Wood's Mowing Attachment, for Sweep-Rake Reaper.
 Wood's Improved Chain-Rake Reaper, 5 ft. 6 inch cut.
 Wood's Improved Chain-Rake Reaper, 6 ft. cut.
 Wood's Mowing Attachment, for Chain-Rake Reaper.
 Wood's Self-Binding Harvester, 5 ft. 6 inch cut.
 Wood's Self-Binding Harvester, 6 ft. 6 inch cut.

For the Two Horse Mower, 4 feet 6 inches cut, we build the wide frame used for Mowers built for the European market. This frame is five inches wider than the frame of the Mower with 4 feet 3 inches cut, and the other parts are correspondingly increased in size and strength. The Manual Delivery Reaping Attachment can be used only with the 4 feet 6 inch Mower.

The only GENUINE "WOOD MACHINES" are those manufactured and sold by THIS COMPANY, they having the EXCLUSIVE right to build and sell these Machines throughout the whole WORLD.

ALL OTHER MACHINES, UNDER WHATEVER DEVICE THEY ARE PUT ON THE MARKET, AND PROCLAIMED AS "WOOD'S," ARE SPURIOUS.

The genuine WOOD MACHINES are stamped with our TRADE MARK, which was registered December 28, 1875.

The genuine WOOD MOWERS also have our Trade Mark, "WOOD," in raised letters on the iron frame.

BRANCH OFFICES:

NEW YORK CITY,	- - - - -	34 Liberty Street.
CHICAGO, ILL.,	- - - - -	80 Taylor Street,
LONDON, ENGLAND,	- - - - -	36 Worship Street.
MADISON, WIS.,	- - - - -	13 King Street, Fuller, Johnson & Co., General Agents.
ST. LOUIS, MO.,	- - - - -	945 N. Second Street, J. E. Hayner & Co., General Agents.
SAN FRANCISCO, CAL.,	- - - - -	349 Market Street, Frank Brothers & Co., General Agents.
BUENOS AYRES, S. A.,	- - - - -	Thomas Drysdale & Co., General Agents.
VALPARAISO, S. A.,	- - - - -	Rose-Innes & Co., General Agents.

NOTE.—Letters of inquiry for PRICES of our different Machines and TERMS of sale, and applications for Agents and the address of Agents, should be addressed to our office nearest to your place of residence.

All inquiries will receive prompt and careful attention.

1878.

The Walter A. Wood Self-Binding Harvester.

ITS UNRIVALED RECORD.

Looking back upon the record made by our Self-Binding Harvester, we find the most flattering encouragement for the future. From all sections of the country where they have been introduced, we are constantly receiving letters, from agents and customers, speaking in unqualified terms of praise of their performance, and predicting an immense increase this season in the demand. This prediction is already being verified by the receipt of large numbers of positive orders, some of which orders are made by farmers who purchased last season, and who purchase again this, they having increased their acreage of grain for the coming harvest, owing to the economy found in the use of this machine. The evidence of its success, and of its unrivaled superiority in merit and public favor, does not rest on any bare assertions of ours, but UPON FACTS, and these facts incontrovertible. Over three thousand were in use the past harvest, and it now has an established market reputation, founded upon a *field record*, in Europe, Australia, New Zealand, South Africa, South America and all the grain-growing regions of the United States.

The *best possible proof* of the merits of this machine is the testimony of the farmers who have used it, for which reason we print in this circular as many of the large number of letters received from purchasers as our space will permit. Those given are confined, with but two or three exceptions, to the territory controlled by our Chicago office—in which territory this circular is intended for distribution—but, to all interested in the record made by the Wood Self-Binding Harvester in other parts of the West and Southwest, we will, on application, send the circulars of our Madison (Wis.) and St. Louis (Mo.) branch offices, containing a very large number of most flattering letters from purchasers in the sections under the supervision of those offices.

We trust that all the letters herein given will receive a careful reading, and we would call particular attention to that of Oliver Dalrymple, on the next page, and do so from the fact of his prominence as the largest grain grower of the Western World, and of his two years' thorough experience with a very large number of these machines. Since Mr. Dalrymple's letter was written, he has given his order for THIRTY-FIVE MORE Walter A. Wood Self-Binding Harvesters, his entire success with the forty-one purchased in 1876 and 1877 having encouraged him to largely increase his acreage of grain for the coming harvest. The simple fact that Mr. Dalrymple, after his long and thorough experience, relies exclusively on the Walter A. Wood Self-Binding Harvester for safely gathering his immense crop of over twelve thousand acres in the harvest of 1878, speaks a *grand testimonial* to their excellence and their reliability than any encomium we can utter, or than has ever before been awarded to any make or style of harvesting machinery. The fact, also, that we are manufacturing *more than double* the number produced last season speaks emphatically of the confidence which we, as manufacturers of long experience, repose in the intrinsic merit of these machines and their enduring hold upon public favor.

That we shall continue to build machines which will command the approval and patronage of discerning farmers is, we think, assured by our past record and our long standing and success as manufacturers.

Walter A. Wood Mowing and Reaping Machine Company.

F O R T Y - O N E

Walter A. Wood Self-Binding Harvesters cut 7,500 Acres of Heavy Grain in the Harvest of 1877 on the largest Grain Farm in the Western World.

St. Paul, Minn., August 20, 1877.

Walter A. Wood, President, Hoosick Falls, N. Y.:

*Dear Sir—Justice requires that the wheat-growers of the West should express to you the gratitude I have no doubt they share with me, for the enterprise and perseverance you have manifested in bringing out a Self-Binding Harvesting Machine that may be depended on. I used **ten** of your Binders last season, harvesting **1,280** acres with them, and **this year** I bought **thirty-one** more, and have, with the **forty-one** Binders, harvested about **7,500** acres of good heavy grain, and have done it in good season, so that none has been over-ripe or wasted. I have never seen so excellent binding or so clean work as these Binders do; there is literally nothing lost. The grain saved over hand-binding more than pays the cost of wire.*

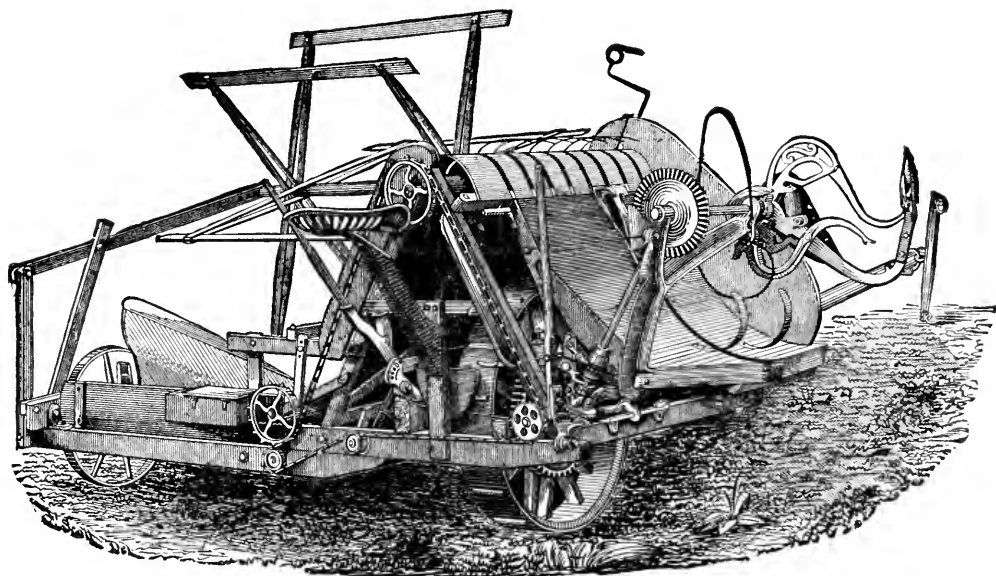
You have taken a great burden from our shoulders, as the expense and vexations attending a large harvest were so great that many were deterred from grain-raising.

*I suppose I have used and seen used nearly all styles of harvesting machines, including other makes of binders, and have made the most careful inquiry about all leading machines. I am firmly convinced that yours **has no equal**. The demand for them must inevitably increase very rapidly in all grain sections.*

Truly yours,

OLIVER DALRYMPLE.

*Since writing the above, Mr. Dalrymple has given his order for **thirty-five** more Walter A. Wood Self-Binding Harvesters, as he has very largely increased his acreage of grain. **Seventy-six** Self-Binding Harvesters all in use on a body of land controlled by one man will afford a sight never before witnessed in the annals of grain-raising, most forcibly illustrating the important part which the Walter A. Wood Self-Binding Harvester is taking in securing the grain crops of the world.*



The Walter A. Wood Self-Binding Harvester.

To this Company exclusively belongs the proud distinction of having been **the first** to develop and introduce a practical and reliable **Self-Binder**. Having first devoted to this object several years of practical experimenting, we commenced manufacturing them for sale in 1874, building a sufficient number in 1874 and 1875 to give them a thorough test at the hands of leading grain-growers, and laying the foundation for largely increased sales.

In 1876, we manufactured and sold over 1,000 Binders; in 1877, nearly 2,500, and shall build at least 5,000 to meet the demand in 1878. In the short space of four years, our Self-Binding Harvester enterprise has grown from infancy to maturity, surmounting the difficulties necessarily incidental to the introduction of a new machine—particularly one calculated to bring about so great a change in the harvesting of grain—and so revolutionizing the methods of harvesting and binding, in the heavier grain-growing sections, that our only difficulty as yet has been to supply the demand, as our agents and customers will readily testify.

The experience of the past harvest, with its abundant crops, has demonstrated the *capacity* and *economy* of our Self-Binding Harvester in a most remarkable degree. Purchasers have found that it does most excellent, rapid and cheap work. The cutting is neat, the binding is excellently done—much better than when done by hand; the field is left perfectly clean, and the bundles being large and compact, the shocking and stacking are done rapidly and well, and in case of wet weather they dry out better, as moisture is not retained by the band.

It is unnecessary to enlarge upon the advantages of the Self-Binder. When *one man*, with a team of two or three horses, can cut and bind twelve to eighteen acres per day, and do it *better and cheaper* than when done by hand, the advantages are manifest. Those who have used the Wood Self-Binder are absolutely unanimous in the assertion that the grain saved *more than pays for the wire*.

Leading Points of Excellence

OF THE

Walter A. Wood Self-Binding Harvester.

1. **Separating the Grain.** The lack of this feature is not a serious objection when the grain is in fine condition for binding; but in lodged, crinkled and tangled grain it is **indispensable**. The separation of the bound from the unbound grain, as also the delivery of the bundle, by our Self-Binder is perfection itself. There are no scatterings, no interlacing and hanging together of the bundles, and no difficulty in shocking and stacking.

2. **Compressing the Bundle.** The compressing of the bundle is accomplished by the pressure of the iron arms, instead of by the wire itself, **a feature not practically carried out by any other Machine**. By means of it the grain is packed closely together, and a compact, well-shaped bundle is formed.

3. **Tight Binding.** The compressing being done by the iron arms, which are regulated by a heavy rubber spring for binding large or small bundles, there is no liability to break the bands, and consequently the bundles are always **well and tightly bound**. Others endeavor to compress the bundle by means of the wire, which, in consequence, is liable to break; the result is that the operator, in order to avoid breakage, must loosen the tension, causing poor and loose binding; or he must bind small bundles, and thereby consume a largely increased amount of wire.

4. **Size of Bundles.**—The driver, from his seat, can regulate the size of the bundles, making them large or small, at will; and, owing to the compressing being done by the arms, it excels all other attempts at mechanical binding in its capacity for making large bundles, and binding them tightly, thus saving labor in shocking and stacking, besides effecting an important saving in the amount of wire used. Observe that a bundle two feet in circumference contains more than **four times as much grain** as one one foot in circumference.

5. **Amount of Wire Consumed.**—As it is not practicable with other Binders to make as tight or as large bundles, a considerably greater amount of wire is consumed by them. Every farmer will readily comprehend the important saving of wire in making good-sized and tightly-bound bundles over the amount used in making small and loosely-bound bundles. It may safely be assumed that this feature alone makes our Self-Binder well worth at least one hundred dollars more than any other, in a few years' use, even if it were not superior in

every other respect. Again, some binders have been devised to feed the wire from **two spools** instead of **one**, each band being in two pieces, and thereby requiring **two twists**, or knots, for **every band**, a decided disadvantage, as **one twist** is **better** than two, and takes **less wire**; they also leave the ends of the twists in such shape as to **tear the clothing and flesh** of those who have occasion to handle the bundles. The Wood Binder makes but one twist, or knot, and leaves the ends of the wire in such shape that they cannot do any injury.

The Binder will make a bundle at every revolution—once in about every ten feet—if allowed to work automatically; but by simply pressing a treadle under his foot the driver can arrest its motion until a sheaf of the desired size is gathered.

The driver, without leaving his seat, and while the machine is in motion, can, by means of a lever, instantly move the Binder forward or back, so as always to have the band in the center of the bundle, no matter what the length of the grain.

It is remarkably free from complication, and simple in its operation. As the Wood Binder uses but **one spool** and makes but **one twist**, the mechanism for holding the end of the wire and forming the twist is **simplicity itself**. The machinery in the Binder moves very slowly, so that there is but little friction, hence, little liability to wear or breakage.

Owing to the novelty of the Self-Binder, and the precision with which it binds and delivers the bundles, farmers are liable to lose sight of the fact that the success of the Binder is attributable, in a very marked degree, to the **superiority** of our **Harvester** over every other in its **cutting and elevating qualities**. The arrangement of the cutting apparatus admits of running it considerably closer to the ground than with other harvesters—an **important advantage in lodged, tangled or short grain**. An **iron cutter-bar** is used, the guards being of **malleable iron**, and fitted with **steel plates**, of the same temper as the sections. The guards are **open** under the back of the knife, and are firmly bolted to the cutter-bar.

The elevating of the grain is accomplished by a series of separate belts, running upon a plain surface. In this respect it is **more simple than any other harvester**, has **much greater elevating capacity**, can be run **more slowly**, and, above all, will not shell grain.

A tilting-lever, convenient to the driver, enables him, **while the machine is in motion**, to instantly raise or lower the entire cutter-bar and reel for long or short, down or tangled grain. The platform and cutters can also be raised or lowered perpendicularly, thus adapting them to the average height of crop to be cut in any particular field.

DURABILITY

OF

THE WALTER A. WOOD SELF-BINDING HARVESTER.

The durability of a machine depends on the number of its parts, their motions and relation to each other, the material used, the workmanship, and, to a great extent, the intelligent care of the operator.

There is no other machine made which performs the same amount of work, doing it so well, which contains as few parts as the Walter A. Wood Self-Binding Harvester. It possesses every feature calculated to add to its efficiency, but avoids all features which do not have a *practical use*. The Binder portion, though admirably performing a difficult class of work, is nevertheless very simple and readily comprehended. The materials throughout the entire machine are of the best quality, and so proportioned as to insure great strength; and careful workmanship is applied without stint, with a view to the easy and correct working of the wearing parts and to the greatest possible durability.

Our emphatic assurances as to the strength and lasting qualities of this remarkable machine are powerfully corroborated by the unanimous verdict of the farmers themselves, as expressed in letters which we print in this circular, and which we are constantly receiving from purchasers.

Not Liable to get out of Order with Proper Usage.

So evident and so great are the advantages derived from the use of a machine which, with the aid of a single operator, harvests the grain ready for the shock in better condition than can otherwise be accomplished, that the public are interested in learning if these advantages are attained at the expense of simplicity and reliability. Regarding this point, we invite careful examination of the machine itself, and, also, an attentive perusal of the views of those who have used it, knowing, as we do, by experience, that its simplicity and the correctness of its mechanical principles bespeak universal praise.

Although any man who can run a Reel-Rake Reaper successfully can run the Walter A. Wood Self-Binding Harvester, without trouble or annoyance, nevertheless all machinery will run better and work more satisfactorily with reasonable intelligence and care in handling, and the better care you take of your machine, the more it will do for you.

It is to the mutual interest of both manufacturer and farmer that the latter accord common-sense attention to the *printed directions* for running and keeping the machine in order, and this is necessary to the proper efficiency of any machine. The farmer soon learns to take a deep interest in this invaluable labor-saving machine, and it soon wins his favor and invites his intelligent care. An infallible guide is found in our *printed directions*, furnished with every machine sold.

WARRANTY.

The **Walter A. Wood Self-Binding Harvester** is **WARRANTED** to be well made, of good materials, and, with proper management, capable of cutting and binding in a workmanlike manner, doing the binding at least as well as is usually done by hand. The purchaser shall be allowed one day's use to give the machine a fair trial, and if it should not work well, immediate notice must be given to the agent from whom it was purchased, and reasonable time allowed to get to it and remedy the defects, if any (the purchaser rendering necessary and friendly assistance), when, if it cannot be made to do good work, it shall be returned, free of charge, to the place where received, and the payments of money or notes will be refunded. Failure to give notice, as above, shall be deemed conclusive evidence that the machine fills the warranty.

ORDER EARLY.

Although we built some 2,500 Self-Binders in 1877, that number did not supply more than one-third of the demand we had for them, and from the fact of our Binders proving such an unqualified success last season, it is absolutely certain that the demand for the coming season will be greatly increased. Our facilities for the manufacture of the Binder have been largely increased, notwithstanding which we cannot hope to be able to fully supply the demand.

Intending purchasers should bear this in mind, and hand in their orders to the nearest agent early in the season.

USE GOOD, PURE LARD OIL.**IT IS ALWAYS THE CHEAPEST.**

Our attention is constantly being called to the great injury done to farm machinery, by the use of cheap "machine" oils, "black" or petroleum oils and other miserable lubricators. These (so-called cheap) preparations are almost invariably **sticky, gummy** and **gritty**, soon become hardened in the bearings, and, instead of fulfilling the purpose intended, they cause the machine to cut and wear out quickly and to run extremely hard. In the end they prove **the dearest** oils a farmer can possibly use.

Good Lard Oil can always be obtained, and farmers will save money, horse-flesh and much annoyance by its use.

Ask for pure lard oil, and take no other.

SUPPLIES OF WIRE—ORDER IT EARLY.

Farmers now owning Wood Binders, and those who purchase for the coming harvest, should order their season's supply of Wire early and thus make sure not only of having it on hand when needed, but save the extra expense of having it sent by express. Knowing how many acres they will have to cut, farmers—particularly those who purchased last season—can readily determine quite closely as to the amount they will need. Farmers run no risk whatever in ordering early and liberally, as Wire well seasoned, if kept dry, is better than that fresh from the mill. Some of the most experienced wire-makers even claim that wire that has been made for a considerable time is 25 per cent. better than that freshly made, and that it should be manufactured at least three to six months before using, and will continue to improve in quality for a year. Care must be taken, however, that it is **kept dry**.

Wire can be obtained from any of our Agents by ordering it in timely season, or from our nearest Branch Office.

THE COST OF WIRE.

The price of wire will be 11½ cents per pound, delivered on cars at Cleveland, O., or Chicago, Ill. Purchasers must pay freight from Cleveland or Chicago, but the freight on wire is low, and will not average over half a cent to one cent per pound (unless it has to be sent per express). No charge is made for spools and they are not included in the weight charged for. It is quite generally conceded by farmers who have had experience with the Self-Binder that it **saves grain enough to pay for the wire**, thus setting at rest any objection that can possibly be raised upon the point of cost.

WIRE-BAND CUTTERS.

We are prepared to furnish a new and improved pattern of Band Cutters, which retain one end of the band if desired; so that, if preferred, the bands can be withdrawn in threshing, and kept separate from the straw. These Band-Cutters are an improvement over those we made last season, are stronger and more serviceable, and will hold the end of the band without fail, if desired. They can be purchased at any of our Branch Offices or of our agents.

THE WALTER A. WOOD SELF-BINDING HARVESTER

may be had on application by letter, when we will give the address of our agent nearest the residence of the applicant. Should there be no local agent near, a machine will be shipped direct from our nearest distributing point upon receipt of an advance of money sufficient to cover freight and expense. All letters of inquiry will be answered with full information, and we invite the correspondence of farmers, whether it may relate to prospective purchases or otherwise.

CHEAPNESS OF REPAIRING.

In the selection of a Harvesting Machine of any style, *cheapness of repairing* is a very important matter for consideration, and one to which far too little attention is generally paid. In deciding what machine to buy, many farmers allow themselves to be governed by the cost price at the time of purchase, without examining into simplicity or thoroughness of construction, or stopping to consider the probable future cost of keeping the machine in repair and the certainty of being able to readily obtain duplicate parts, should the necessities arise.

A single "break-down" will oftentimes cost, in loss of time and damage to crops—not to mention the cost of the repairs—more than the difference in price between the *best* and an *inferior* machine.

The Wood Machines are constructed with a special view to durability, reliability and economy in use. They are so simple in construction as to be readily understood and kept in order; and, as they have **fewer pieces** and **wearing parts** than any other make of machines, they are more durable and less liable to "break-downs."

The prices for Extra Parts for all our different machines are made very unusually low.

DUPLICATE PARTS.

We have always kept up a perfect system of **duplication**, and any person who has ever purchased a machine made at our establishment can, at all times, procure from us or our agents any *extra parts* that may be required, and at extremely reasonable prices. Duplicate parts for all our different styles of machines are kept constantly on hand at our works, at our branch offices and with our agents.

HINTS.

Within the past few years, the demand for Scythes, Sickles and Sections has increased so rapidly that a number of factories have been started for the sole purpose of supplying these articles for the different machines in the market. Having no interest in maintaining the reputation of any make of Harvesting Machines, and looking for profit to these goods alone, these manufacturers have not been and cannot be expected to be, as particular in the *quality* of their goods as the manufacturer who has the reputation of his machine directly affected by the quality of the cutting apparatus furnished.

We manufacture our Sections from the very best quality of English steel, and our Scythe and Sickle-Backs from the best cold-rolled Norway iron, and *guarantee* their quality. All *genuine* "Wood" Sections have the impress "Wood" upon the steel. No machine can do good work with an inferior or dull knife. *Use only the "Wood" Sections, and keep them sharp.*

All Genuine Wood Sections are stamped in the Steel with our Trade Mark, thus:

Trade
WOOD
Mark.

THE WALTER A. WOOD SELF-BINDING HARVESTERS ON THE GREAT WHEAT FARMS OF THE NORTHWEST.

Perhaps the very strongest proof of the excellence of the Wood Self-Binding Harvesters is the experience with them in the large grain fields, where their operation and management must necessarily be entrusted to hired men, who often have had no experience even with ordinary Reapers, and none at all with Binders; yet it is on such farms that the advantages of the Self-Binder are most manifest. It enables the grain-grower not only to do his harvesting at a fractional part of the cost under the old method, but the work is done in a vastly superior manner, as the binding is **all** well done, no bundles coming loose, even when roughly handled. As the bundles are large and compact, the cost of shocking, stacking and threshing the wire-bound is far less than with hand-bound grain, when the bundles are often small, many come apart, and there are scatterings at every stage of the work, not only causing waste of grain, but a great waste of time.

Again, the grain can be cut **in time**. There is no occasion for allowing it to become over-ripe, when one man, with two or three horses, can cut and bind twelve to eighteen acres per day, and do it in the most excellent manner.

We briefly mention a few of the large farmers who use the Wood Self-Binders:

Oliver Dalrymple, of St. Paul, controls some 75,000 acres of land in the Valley of the Red River of the North, in Dakota Territory. In 1876, he had 1,280 acres in grain, and used ten Wood Self-Binders to harvest it. In 1877, he had 7,500 acres in grain, and used forty-one Binders. How well he did the work, we leave for himself to say. Next year, he will have 12,000 acres of grain. The great farm or farms—or more correctly speaking, body of land—which Mr. Dalrymple controls is nowhere excelled in fertility. The valley in which this land is located will average about fifty miles in width, and the fertile part is some three hundred miles long, extending a considerable distance into British America. This valley will, in a short time, if we may judge from the great rush of immigrants during the last two or three years, and the amount of land being purchased and broken up by enterprising capitalists, soon become one vast wheat field. Preparations for breaking new land next year are being made on a scale never before known in this country, one company alone asserting that they will break up 20,000 acres in 1878, which will be ready for seeding in the Spring of 1879. Mr. Dalrymple has, with the aid of the Self-Binder (without which it would be almost impossible to raise so vast an amount of wheat at a profit), demonstrated that such large operations can be very successful, and he deserves great credit for his sagacity and enterprise.

It is not only the Red River Valley that is fertile and suitable to raising grain. The land on either side, for great distances, is equally good, or very excellent land.

The Sunny Side Farm, near Sheldon, in O'Brien County, Iowa.

This is a very fine farm, with some 3,500 acres in grain, under the management of Gen. J. W. Bishop, of St. Paul. No land can be better. Most of the land on the line of the St. Paul & Sioux City Railroad is equally good. Settlers are rushing in with great rapidity, and no section in the West will excel it when it becomes settled. Gen. Bishop commenced sowing wheat in 1875, when he used six Wood Self-Binders. He increased to sixteen, in 1877, and as to how he likes them we refer to the accompanying letter from him. He has tested them thoroughly, and that, too, before they had attained their present perfection. Gen. Bishop is also General Manager of the St. Paul & Sioux City Railroad, and no man ranks higher in the community than he.

Gen. Canfield's Farm at Lake Park.

About fifty miles east of Fargo, at Lake Park, on the Northern Pacific Railroad, is Gen. Canfield's farm of from 4,000 to 5,000 acres. This land is gently rolling, but in no way inferior to the Red River Valley. It is well watered, and adapted to grain or stock raising. About 1,200 acres are under plow, which were sown to wheat in 1876, when he bought five Wood Self-Binders. In 1877, he bought two more, which fact amply attests his good opinion of them.

Clark & Jefferson's Farm, near New Richmond, St. Croix Co., Wis.

This farm contains about 1,000 acres of most excellent land, and is all being placed under cultivation. They bought two Wood Self-Binders in 1875, and in 1877 three; showing the views of these two enterprising and successful men regarding the Wood Machine.

Taopi Mill Company's Farm, at Taopi, Mower Co., Minn.

This is a farm of about 4,000 acres. The land is of the best quality and 3,000 acres were in grain in 1877. They had a full supply of the old styles of harvesting machinery, but nevertheless gave an order for eight Wood Self-Binders, but so late in the season that they could get but four. They then bought six of another make of binders. To show what they thought of the two makes it is only necessary to state that later in the season, when they could get three more Wood's Self-Binders, they took them and laid aside their old style machines entirely, and have at this writing engaged all their new harvesting machines for 1878 of the Wood make.

John Frank has a fine farm near the above-named Taopi farm. He had two Wood Self-Binders and raised 600 to 700 acres of grain in 1877. Has three of another make of hand-binding harvesters, but got so disgusted with them that he laid them aside and did nearly all of his harvesting the past season with two Wood Self-Binders.

The Farm of Henry M. Williams,

near that of Dalrymple, had over 1,000 acres in grain, and used six of Wood's Self-Binders in 1877. His land is of the same excellent character as that of the Dalrymple farm.

The Farm of Mr. Hadwin

is not far from the Dalrymple farm. He used three or four Wood's Self-Binders. He has a large amount of land under cultivation, and is opening still more.

The above is surely sufficient to show what the large farmers, who are most gravely interested, think of the Wood Self-Binders. It is such parties who are certain to make the most careful inquiry and examination before purchasing.

"AMONG THE REAPERS."

Special Staff Correspondence of the St. Paul and Minneapolis Pioneer-Press, Aug. 31, 1877.

EXTRACTS.

On our return, the Superintendent took us to a section [of the "Cass Farm"] where the wonderful Harvesters were at work. Sixteen of these machines were industriously employed, and certainly it was a remarkable sight. The great procession moved by in a steady, almost noiseless manner, truly a "march of progress." Each was drawn by three mules or horses, and they proceeded, one behind the other in a diagonal line, cutting a swath one hundred feet wide into the sea of wheat. They were the famous Harvesters of Walter A. Wood, provided with the ingenious Locke Self-Binder. It was amusing to see the automatic arm of the Binder throw out the sheaves in a spiteful manner, as if exclaiming, "Get out of here!" Eighteen of these bundles were thrown out each minute, the driver graduating their size at will, and the shockers, of which there were two to each machine, found plenty of occupation in keeping up with the work. Occasionally a harvester would require a new reel of wire, when it would drop out of the line and the ranks would close up in soldier-like order. In a moment the wire would be in place, and the intelligent machine would fall in behind. On inquiring of the superintendent of the farm, a man who has had long experience in the use of Harvesters, I was informed that they could get no other machine that approached the "Wood" in all details. One great point of the efficiency was promptness, as harvest-time was a critical period in farm

work. If the machine lacked in any particular, its weak point was sure to be discovered just when it was most needed. In so extensive a work as cutting 4,000 acres of wheat, which must be done in just such a time, every implement used must be reliable, for if even one is laid up the loss will be great.

From my observation of the Wood Harvester, I can imagine nothing more perfect. The drivers all say that they are very easily managed. The horses swing them along without apparent exertion. It cuts low down in the grain, thus securing every stalk, and it does its work so thoroughly that the Ruths and blackbirds find their occupation as gleaners entirely gone. The Binder is also a great institution, saving the labor of six men, and at the same time doing the work much better. I learned from Mr. Johnson, of the firm of Fuller, Johnson & Co., Madison, Wis., the general agents of the Harvester, that they could scarcely fill their orders this year, and certainly it is not to be wondered at when such educated farmers as those operating these farms select them after having tested all other kinds.

On another immense farm, located thirty miles down the Red River, north of Fargo, there are twenty-five of the Wood Harvesters and Binders, of which I have spoken, and then come eleven of the well known Buffalo Pitts Steam Threshers, very reliable and rapid working machines. These are each supplied with a portable engine, of approved make. Seventy-five strong farm wagons, and a great number of small implements, make up a list of tools that would do the work for entire counties in the "down east" States.

TESTIMONY FROM PURCHASERS

OF

Walter A. Wood's Self-Binding Harvester.

We print the following testimony from farmers who have used the Wood Self-Binding Harvester, in order that intending purchasers may read the verdict rendered by their brother farmers who have had **practical field experience** with these machines, and who, therefore, **know whereof they speak**. It will be noticed that we give the post office address in each case, and we would suggest to intending purchasers that they write to any of the parties named for more detailed information (which, we feel sure, will cheerfully be given), or that, if opportunity offers, they consult with them in person.

A large additional number of letters will be furnished, if desired. Those given are selected with reference to localities rather than to the contents, and our many friends who have so freely written in praise of the Wood Self-Binder will please accept our thanks for same and pardon their omission, from want of space, in this circular.

In reading the following letters from purchasers of the Wood Self-Binding Harvester, note how uniformly they speak

OF ITS GRAIN, TIME AND LABOR-SAVING QUALITIES.

Note what is said about "cost of wire," "amount of repairs," number of acres harvested per day," "ease of draft" and "facility of management," and, above all, observe the spirit of general and uniform satisfaction pervading all these letters.

It will be noticed that wherever, in the following letters, reference is made to another machine for similar work, we have left the name of such machine blank. We do this as a matter of courtesy to competitors, and, also, from the fact that we do not seek to make capital for our machines out of the misfortunes of others.

S I X T E E N

WALTER A. WOOD SELF-BINDING HARVESTERS Cut and Bind 2,600 Acres in the Harvest of 1877, on the Sunnyside Farms, Minnesota.

From J. W. Bishop, St. Paul, Minn., Sept. 1, 1877.—*In reply to your letter of inquiry, I take pleasure in saying that the Wood Harvesters with Self-Binders attached purchased from you have done our work efficiently and in every way to our satisfaction. We have this season used **Sixteen** of them on our Sunnyside Farms, cutting and binding about 2,600 acres with them, all in good time and without accident or failure. It is, by our experience, quite impossible in this country to successfully work a large grain farm without reliable machinery for cutting and binding. We have found yours to fully answer the purpose in both kinds of work, and I am unable to suggest any improvement on your machines of 1877. Now that it has been demonstrated that the growing of grain in large tracts can be successfully and **profitably** conducted as a business, I think you should provide for a very large increase in the demand for your machinery in the near future.*

S I X

**WALTER A. WOOD SELF-BINDING HARVESTERS harvest 1,000 Acres on
the large farm of the Messrs. H. & M. H. Williams,
at Fargo, Dakota Territory.**

AUGUST 22, 1877.—We have finished cutting our 1,000 acre field, with six of your Wood Harvesters and Binders. We are abundantly satisfied with the working of the machines in every particular. They have done their work well. That six men, with your machines, should harvest 1,000 acres of wheat (cut and bind), is, indeed, one of the marvels of this nineteenth century.

Prominent Advantages over other Binders.

From John H. Smith, Elkhart, Ind., Aug. 28, 1877.—I congratulate you on manufacturing a machine which is **King of the Harvest**. I have this season cut and bound my crop with one of your 5½ ft. Self-Binding Harvesters, doing the work in splendid shape for the condition of the grain. The tornado of July 2d had tangled my wheat very badly. No other Machine could have equalled yours in elevating and saving it. It elevates wet, dry, tangled and straight grain all the same. Allow me to mention a few advantages of the Self-Binder: 1st. The separation of the bound bundle from the unbound grain following it. 2d. The greater tightness of the band than that made by any other Binder. 3d. The binding of the sheaves of any required size, with four inches less wire for a sheaf than the * * * * or * * * * machines, as it twists the band in but one place and does not drop an extra piece of four inches of twisted wire for each sheaf bound. 4th. It does not draw the bundle tight by means of the wire, but by means of the pressure of the arms, there being no strain on the wire until after the twist is completed. 5th. The great convenience of adjusting the bands to the center of the sheaves in any length of grain by means of a simple lever. I might mention many other most important advantages, did space permit. My machine does not seem to run heavier than a dropper, even on wet, soft ground. I cut 15 acres in one day. My wire cost me about 20 cents per acre. The shocking of the wire-bound bundles is less labor than the straw-bound, as the bundles are firm, and being larger, require less shocks. In threshing, I cut the bands and fed them into the thrasher with the straw without the slightest bad effect. I will give \$100 a head for all the cattle that die from eating the wire. My neighbor, Mr. Smiley, and others, fed the wire-bound straw to their stock last year, and have no fears on account of it.

In buying one of your Self-Binding Harvesters, a farmer bids good bye to much of his past annoyance, and starts anew. Counting usual harvesting expenses, a machine will pay for itself clean in cutting 200 acres, to say nothing of the grain saved by clean work.

From J. K. Smith, Plattville, Ill., July, 1877.—The Walter A. Wood's Harvester and Locke's Self-Binder that I purchased of your agents (Haigh Bros., Yorkville, Ill.,) last year, is a success in every respect. My son Thomas cut and bound sixty-five acres in all (rye, timothy, and oats), forty-five acres of which were cut and bound in three days and a half, and it was all cheaply and satisfactorily done. I have threshed all my grain, cut and bound by this machine, and find no inconvenience whatever. The wire does not break up in short pieces as some suppose, but passes through the machine in one piece. I can cheerfully recommend them, and would say buy W. A. Wood's Harvester with Self-Binder.

From Edwin Blackman, Plattville, Ill., July, 1877.—I have threshed all Mr. Smith's and Mr. Tallmadge's grain, bound by Self-Binder, and found no difficulty in threshing it. All the grain bound by Self-Binder came to the machine in better condition than that bound by hand.

**Fifteen Years' Experience with the Wood
Machines.**

From R. D. May, Edwardsburg, Mich., July 23, 1877.—Having used your Harvesting Machines for fifteen years, I think myself qualified to speak of their merits. I had the first Self-Rake of your make in this county, and when it was worn out purchased another, and, after using it three years, laid it aside for your Harvester and Binder. I always claimed you made the best Self-Rake Reaper in the market, and now claim the same for the Harvester and Binder. It is all you claim for it, doing its work well—better than can be done by hand. I have stacked wheat for nearly twenty years, but never stacked any that was as well bound as mine was this year, only three bundles coming unbound in stacking sixty-five acres, and those on account of faults in the wire. The draft is not much greater, if any, than of a Self-Rake, and for ease of management I prefer the Binder to the Raker. The farmers' wives of this country owe a debt of gratitude to Locke and yourselves for inventing and manufacturing a machine that saves them many hours and days of hard work. My "better half" says it does not seem as though we had any harvest this year. I cut sixteen acres in one day, and the Binder did not "bush" nor complain of the "grub" nor of fast driving. Wishing you success, I remain the friend of the Walter A. Wood Self-Rake Reaper and Harvester and Binder.

From Chas. E. Ells, Carmel, Eaton Co., Mich., Aug. 16, 1877.—I purchased this season of James Gallery, Agent at Eaton Rapids, one of your Harvesters and Self-Binders, and having cut sixty acres of wheat, oats and barley, have thoroughly tried it in all kinds of grain. It has cost me about twenty-seven cents per acre for wire. **I have never done my harvesting so nicely and so easily as this season**, three men doing all the harvest of sixty acres, besides thirty acres of haying, in a short space of time. No paying \$2.00 and \$2.50 per day for help, and then perhaps not having them when wanted. The Harvester is always ready, and with one man to set up, a large harvest can be got through with easily and cheaply. Farmers, if you contemplate buying a harvester and binder, nothing will give the satisfaction that this one will, as the * * * * and * * * Binders have been tried in this vicinity and failed.

From James E. Gould, Dowagiac, Mich., Aug. 10, 1877.—I thought I must write a few lines to let you know how my Harvester and Binder worked this, my second season. They worked well: I cut 100 acres of wheat in seven days, and I had from ten to twenty men to see it work every day I was cutting. They all pronounced the Binder perfect. There will be a chance to sell machines here next season.

From John Engle, E. R. Somers, George Thorpe, Jr., and Wm. Thorpe, Minonk, Ill., Aug. 2, 1877.—This is to certify that we bought of your agent, H. A. Christians, a Self-Binder, and have used it in cutting over one hundred acres of grain without paying one cent for repairs, and without having any trouble, and it is still working well. We recommend it to all in want of a Binder.

Any Machine made by Walter A. Wood Worthy the Confidence of Farmers.

From Oscar Cline, Sherwood, Mich., Sept. 1, 1877.—I bought of A. R. Barrett & Bro., the agents at Union City, one of your Harvesters and Self-Binders, and have cut and bound with it 80 acres of wheat and 13 acres of oats, using only two horses on the machine. I do not think the draft exceeds that of a Self-Rake Reaper cutting the same width of swath. My entire expense in harvesting will not exceed \$50. I am satisfied the Harvester and Binder will do the work better and cleaner than is usually done by hand. I prefer wire-bound bundles to those bound with straw, as they do not come apart in handling. I have threshed my wheat and find the wire gives no trouble; in fact I would not ask for better bands. I also bought of the same parties one of Wood's Iron Frame Mowers, which, I am happy to say, fills the bill in every particular. I used one of your Chain-Rake Reapers and Mowers combined for nine years, and, from my experience, can recommend any machine made by Walter A. Wood as being worthy the confidence of farmers.

From Mrs. S. W. Brown, Littleton, Col., Aug. 21, 1877.—I wish to add my testimonial to that of my husband in praise of the Walter A. Wood's Harvester and Self-Binder. I think that farmers' wives can congratulate Mr. Locke for his invention, as it does away with so much work in the house during harvest, which this year has passed away without my hardly knowing it; but previous to our purchasing the Wood Harvester and Self-Binder I was reminded of it every day and all day long, and I can hardly "speak the joy I feel" now that my household labors are so greatly lessened by this most justly named labor-saving invention.

Saves Labor to the Tune of \$8 per Day.

From J. Preston, South Dixon, Ill., Aug. 16, 1877.—In regard to the working of the Wood Harvester and Binder which I bought of you, I would say that it gives most perfect satisfaction. It does its work perfectly, and the draft is as easy as that of an ordinary Harvester, being handled with ease by two horses. The management is as easy as that of any reaper. We are certain that it will work where any reaper will in any kind of grain. It is as durable as any machine in the market, and in construction is without a fault. The wire cost us between thirty and forty cents per acre, and all who saw the work done by it were of the opinion that the saving of grain and board of help more than paid for the wire. It cost sixty cents per acre, including team, driver, wire, etc. The condition of the grain to shock and stack was very much better than that of ordinary hand-bound grain. It will save over ordinary reapers at the present price of labor, eight dollars per day; and the saving of grain and board of men more than pay for the wire. I hardly see how it can be improved, and am quite sure no farmer can afford to raise any considerable amount of grain and do without it.

Works Equally Well in Heavy or Light Grain.

From Leander Millard, Ionia, Mich., Sept. 24, 1877.—I purchased one of your Harvesters and Self-Binders the past harvest, and wish to say that it seems perfect in all its parts and in its working. With one span of horses I cut 72 acres of wheat in six days, the work being better and cleaner than I ever saw before. Most of the crop was very heavy. The machine worked with equal satisfaction to me whether the grain was heavy or light.

From Lucas Bros., Piqua, O., Jan. 1, 1878.—After thorough experience with your Harvester and Self-Binder, on our farm, the last harvest, we pronounce it a complete success, and all who saw it work declare it the "Boss machine." It cannot be beat for neat, clean work. The saving of time and grain is immense. The Self-Binder makes us quite independent of extra hands in harvest, and it is a genuine comfort to have your grain all in shock as fast as cut.

Perfectly Satisfied. Saves Labor, Time and Grain.

From John Clark, Hunter's Creek, Lapeer Co., Mich., Aug. 16, 1877.—Having purchased one of your Harvesters with Self-Binder last harvest, I will say that I am perfectly satisfied with it, and do not see how it could be improved. When I started the Binder the first day at 9 o'clock, we had cut but once around a fourteen-acre field, and we finished the field the same day, besides stopping to exhibit it to about two hundred visitors. I also cut in seven hours thirteen acres of wheat, yielding thirty bushels per acre. I started my Russell Reaper (which I considered a good one) in the field with the Binder, and I discovered that the Binder did not waste one-fifth as much grain as the Russell, and the Binder did its work much the best. I harvested this year with the Binder about one hundred and twenty acres of grain, and I did my harvesting in less time and cheaper than I have ever done it before. My men handled the machine-bound grain and stacked it with more ease and in better shape than the hand-bound. If I should succeed this Fall in getting in as much wheat as I expect to, I shall purchase another Binder next year. I have not threshed, but I do not anticipate any trouble with wire.

From Stephen D. Foster, Tama City, Iowa, Aug. 18, 1877.—Last season, I bought of your agents one of your Harvesters and one of your new Iron Mowers. I have cut each year ninety acres of grain with the Harvester, averaging 10 acres per day, in good shape, with ease to the team, and have not had a breakage on it yet. It runs light, cuts well, elevates square, handles easy, and gives perfect satisfaction. The Mower is just as good as the Harvester. Have cut with it in badly lodged grass and through rough sloughs, and it does not clog. I cut about fifty rods in heavy grass, with no neckyoke on the pole, proving that there was no side-draft. I think it the best Mower built.

Not a Single Band Broken. Saving Illustrated.

From Thomas and George Hitter, Circleville, Ohio, Aug. 16, 1877.—We wish to say that our Harvester and Binder gives full satisfaction in every respect. We have this season cut and bound sixty-five acres. It does better work than any machine we ever used. Have worn out several machines of other makes, but the Wood Harvester does the best work of any of them. It is very easy draft and easy of management. We have averaged 12 acres of wheat per day this season, in a very heavy crop. We consider that it is as satisfactory in all kinds of grain as any reel-rake Reaper. We had some very bad down grain, but saved it all. We worked three men, and, taking into consideration board, wages and everything, to cut, bind and shock, our wheat did not cost us more than 60 cents per acre. Our grain is a great deal better to stack than the hand-bound wheat. In hauling, pitching and stacking we did not find a single band broken, as in hand bound wheat. We consider that we saved the labor, board and wages of six men over the usual mode of gathering our grain.

From Jonathan Smith & Son, Hamilton, O., Aug. 25, 1877.—The Wood's Self-Binder we purchased of you works to perfection, and gives us perfect satisfaction. We cut and bound 54 acres of barley in three and three-fourths days, and can truly say we never before had as good a job of cutting and binding done on our farm. No set of hands with an ordinary reaper can possibly do as nice, clean work. Our grain was very heavy, but we had no trouble whatever, the machine cutting it all, and binding in good, tight sheaves, leaving no litterings and no waste. We think we saved enough grain over the ordinary reaper to pay for all the wire we used, and wages of shockers besides. We recommend farmers to buy the Wood Harvester and Binder. We would not take \$500 for our machine and be without one.

The Best and Cheapest.

From Aaron W. Tabor, Mt. Carmel, Franklin County, Ind., Aug. 20, 1877.—Yours received, inquiring how I like the Wood's Self-Binder I bought of you in June last. I will say I think it the **Best Harvesting Machine** ever offered to the farmer, and far the cheapest. It saves \$10 per day. This estimate offsets cost of wire, board and pay of hands. Wire cost me 30 cents per acre in very heavy grain. The quality of binding is far superior to hand-binding. I hauled in 25 acres of barley and only had two loose sheaves in the lot. In threshing there is no more trouble with wire than with straw bands. I had one man cut bands and he did it as fast and as easy as straw bands could be cut with a knife. We threshed 600 bushels of barley in five hours with no trouble from wire. The threshermen said they preferred those sheaves to any other, as they are more uniform in size, bound tight and handle easier. My machine is 6 ft. 6 in. cut; draft is light for three horses, we never had occasion to change teams, and we cut fifteen acres per day. It does better and cleaner work than any other kind of machine in standing grain, and just as good as any other in down, tangled grain. Cost of repairs nothing.

From David Swaney, Magnolia, Ill., Aug. 16, 1877.—The Walter A. Wood Harvester I purchased of you is a captain, and I and my sons think it the lightest draft and best working harvester in down grain we ever saw. And the **Self-Binder** beats the world. From the time you set the binder on the harvester, until we finished our harvest, we had **no delays, breakage or stoppage of any kind**. My two sons did the shocking. The binding and the shape of the sheaf are better than with hand-binding. It will pay a man to own a Walter A. Wood Harvester and Binder, even though he may not raise more than 50 acres of small grain per year.

No Use for a Horse-Rake after a Wood Self-Binder.

From Philip Deyo, Bradford, Ill., Aug. 22, 1877.—In answer to your inquiry about the Walter A. Wood Harvester and Self-Binder, I can express my entire satisfaction with the work done all through the harvest of 1877, having cut 100 acres of wheat, oats, and timothy without loss of time or any expense for repairs. The total cost per acre for harvesting will average about 64 cents, including team, board, wire, oil and driver. My grain dries out under the band quicker than grain bound by hand. I have no difficulty with the wire band in threshing or in feeding the straw to stock. I have saved all my grain. I had the horse-rake run over some of the stubble to see if any grain could be found, but could not get a handful of straw in driving the rake sixty rods; in fact, I never had my harvest done so cleanly or cheaply as with the Walter A. Wood Harvester and Self-Binder. We did not seem to have any harvest, we did the work so easily. I believe the Binder will take the place of all other kinds of harvesting machines.

The Record of Three Harvests.

From John Lightner and B. F. Stockwell, Tama City, Iowa, Aug. 14, 1877.—The Wood Harvester and Binder we bought of Parker & Lewis, in 1875, is still doing its work nobly. We cut and bound, in 1875, fifty acres, and last season about 100 acres, and this season 114 acres. Its cutting and elevating cannot be equaled by any other harvester, and it is easily adapted to different kinds of grain, and is of light draft. The wire costs us from 20 to 30 cents per acre, and we can **cut and bind for \$1.00 per acre and make good wages**. The wire bands cause no trouble. Threshermen say they would rather thresh it when so bound. We have all confidence in the Harvester and Self-Binder. It is apparently in as good condition from wear as when it came from the factory.

Wire Bands a Decided Advantage.

From A. S. Marshall, Marietta, O., Aug. 24, 1877.—I purchased this year from the Nye Hardware Co., your agents at this place, one of your Harvesters and Self-Binders, and also a Single Sweep-Rake Reaper, and desire to report to you my experience with both of them. In regard to the Harvester and Self-Binder, I unhesitatingly pronounce its **cutting and elevating qualities complete**. I would prefer straight grain, but can do a good job when the grain is leaning. I find the cost per acre for harvesting with it to be about \$1, including team, wire, shocking, etc. My straw was very heavy, and the yield of wheat was 31½ bushels per acre. I think that the wire bands have a **decided advantage in the shock over straw bands**, as the grain will not sprout with the former. My threshermen were a little afraid of the wire bands at first, but now, since they have seen the result, they **prefer them to straw**, as all the thumping caused by straw bands going through the Cylinder is avoided. In all my crop that was cut with the Harvester and Binder, but one bundle came loose in the entire handling, while that bound by hand with straw was constantly coming undone.

In threshing grain bound with straw, a great portion of the band does not thresh at all. I believe that the grain lost in that way will pay for the wire, and I also think that the Harvester and Binder will take the wheat enough cleaner off from the field over any other reaper I have ever seen to pay the entire expense of reaping and shocking.

I cannot speak in too high terms of the Sweep-Rake Reaper, and in down and tangled grain its work is simply wonderful. I congratulate you upon the success of your machines.

From John Whitten, Milford, Ind., Aug. 21, 1877.—I bought, this season, one of your large sized Harvesters and Binders, and cut 90 acres of wheat with it. One day we cut twenty acres, and we can average that every day if we have good weather. I never had a harvest saved so perfectly. The binding was so perfect that not one sheaf came unbound in shocking and stacking. No loss of time in fixing, as nothing broke; was not at any expense, except for wire and shocking. My machine is in excellent condition, and ready for another crop. They are a **grand success**. Could not think of cutting with anything else.

From J. L. Brown, Greeley, Col., Aug. 11, 1877.—I have just finished my harvest of over a hundred acres with the Walter A. Wood Harvester and Binder. I consider the **Self-Binding Harvester the greatest success of the age for saving both grain and labor**.

From Wm. Grove, Leesburg, Ind., Aug. 17, 1877.—I have finished my second year's work with your Harvester and Binder, and like it better than ever. I have cut 100 acres with it this season, and, as my boys did the shocking, I have not paid out a dollar, save for wire—no expense for repairs. The machine is apparently in good order for next year's harvest. It does not owe me anything, if I never hitch on to it again.

From S. W. Brown, Littleton, Col., August 21, 1877.—I have completed my harvest. My grain is nearly all in the stack. I used the W. A. Wood Harvester and Binder purchased of you this season, and am more than pleased with it, as my grain is well bound, better than by the old fashioned way. I consider the machine a success as a harvester and self-binder, and, in an economical point of view alone, it is the only way in which grain ought to be cut and bound. The Wood Harvester and Self-Binder have my hearty endorsement.

Three Years' Experience Feeding Wire-Bound Straw to Stock, with no Trouble of any Kind.

From H. G. Van Vlack, Cottage Grove, Cass County, Iowa, Aug. 11, 1877.—I have been running one of your Self-Binders on my farm for the last three years, cutting about 90 acres per year. It does good, clean work. The draft is easy and light, and the machine is easy to manage and control, elevating in good shape, and is well calculated to operate well in all kinds of grain. It cost me this year 37 cents per acre for wire. I regard the Harvester and Binder a perfect success. My grain was very heavy this year. Regarding the wire hurting any stock: I have fed the straw to my stock and they do well on it, with no trouble of any kind. I paid \$325 for my machine, and have already got all my money back in saving of wages and grain.

From F. M. Hearn, Leesburg, Ind., Aug. 20, 1877.—I have one of your Harvesters and Binders, 6 ft. 6 in. cut, with which I have cut and bound 80 acres of wheat and 5 acres of oats, doing the work far better than in hand-binding after a Self-Rake Reaper. The sheaves are in much better shape for shocking and stacking; and there is a great saving of grain, as nothing is left on the ground by the Harvester. I had to contend with all kinds of grain, and all kinds of weather, and I call the machine a perfect success. Mine is in excellent condition for another crop, and I think it a durable machine. The wire bands are not objectionable. My wife calls the Binder a success on the board question.

From Sol. Thomas and Uriah Thomas, Trenton, Butler Co., O., Aug. 20, 1877.—The Wood Harvester, with Binder Attachment, which we purchased of your agents, Hooven & Sons, Hamilton, O., proved to be a complete success. We harvested 80 acres of grain, consisting of wheat, barley and oats. The straw was unusually heavy and badly lodged, which, with the heavy rains that fell during harvest, enabled us to test its merits fully. The work performed by it in standing grain is better than can possibly be done by hand.

In tangled grain the work is done fully as good if not better than is usually done by hand-binding. The cost of wire per acre was 31 cents, repairs nothing. In threshing, we allowed the wire to pass through with the straw, without impeding the machine in the least; the rate in wheat being 70 bushels per hour. We would not part with our machine for twice the price of it, without the privilege of buying another.

From Luther Sherman, Norwalk, O., Aug. 24, 1877.—I own one of your Harvesters and Binders, purchased this season, and it has worked to my entire satisfaction, cutting and binding 43 acres of wheat and 20 of oats, most of which was done with a small team only weighing 2,000 pounds. I have used heretofore four or five other machines for harvesting, and my team handles the Wood Harvester and Binder with more ease than either of the others. The Harvester and Binder work in a superior manner, even on rough and uneven ground, cutting a full swath and saving all the grain, and costing me but 25 cents per acre for binding-wire. I have threshed my grain and have not been at all inconvenienced by the wire bands. In many respects I think them an improvement over straw bands.

From C. P. Slonaker, Trenton, Butler County, Ohio, August 28, 1877.—I saw one of your Harvesters and Binders work, and I liked it so well I bought one; I got along very well, and liked it better every day; I cut 50 acres, and it worked better than any self-rake reaper I ever saw; and it did it clean, so clean that I thought it wasn't worth while to rake the stubble, while my neighbor raked his field twice, and then it wasn't as clean as mine. I have threshed some of my grain, and we had no trouble with wire. The sheaves are much better to handle than those bound with straw.

Forty-three Acres of Wheat, Yielding 1,400 Bushels, Bound with 145 Pounds of Wire.

From Daniel Loose, Melmore, Seneca County, Ohio, Nov. 26, 1877.—The Harvester and Self-Binder which I purchased of your agent, F. W. Byrne, of Tiffin, Ohio, has proved a decided success. I cut and bound 43 acres of heavy wheat, 12 acres of it leaning all one way, some nearly on the ground. I cut clear around the piece, cutting, elevating and binding well on all sides. In lodged, heavy or short grain, it works admirably. It is easily adjusted in changing from short to long or heavy grain. It saves all the grain. The Self-Binding Machine is so far ahead of my self-rakes and my dropper that I have set them both aside for good. Your Binder, I think, runs fully as easy as a self-rake. My expense for harvesting was nothing but oil and wire. I saved at the rate of \$10 per day, not counting board and housework; and I would not take \$500 for my machine if I could not get another. The wire was no bother in threshing, and my cattle eat the straw and leave the wire untouched. It does not harm them. I threshed 1,400 bushels of wheat off 43 acres, and bound it with 145 pounds of wire.

From Lewis Einsel, Tiffin, Seneca County, Ohio, Nov. 26, 1877.—I bought one of your Harvesters with Self-Binder the past season, and find it an entire success. I cut 44 acres of wheat, yielding 1,150 bushels, and although my grain was in bad condition, and tangled in all shapes, the Harvester and Binder cut and bound it clean. The cost of the wire was 33 cents per acre. I estimate the saving over hand-binding at \$10 per day; besides, the work is done much cleaner and better. The sheaves handle well in shocking, hauling and stacking—better than after hand-binding. The wire is no detriment whatever. Both the Harvester and the Binder are well made and reliable, and make just the machine for grain-raisers.

From George W. Waldorf, Reily, Butler County, Ohio, Sept. 17, 1877.—The Wood Harvester and Binder I bought of you has given me entire satisfaction. I think it the best machine for harvesting purposes I have ever used. In cutting and saving grain it cannot be excelled. In cutting and binding 23 acres of wheat, averaging 20 bushels per acre, the expense was \$7.20, cutting from 10 to 12 acres per day. As the sheaves are straight and well bound, it makes it easier for handling them. In threshing, it is far superior to straw bands, leaving no litter. The wire bands do not interfere at all, but pass off to the straw stack in full length. Draft very light for three horses. The Wood Self-Binder is, in my estimation, and that of a host of witnesses, unsurpassed, and I recommend it to all in need of a first-class Harvester and Binder.

From William W. Bowers, Seven Mile, Butler County, Ohio, August 23, 1877.—Regarding the Wood Harvester and Binder I bought of you, I will say, I think it is the machine for farmers; I cut and bound 50 acres of barley, very heavy, down, tangled, and straw broken. The machine went right through without any trouble. In regard to draft, I think the machine runs as light for three horses as any self-rake does for two, and I have used all kinds; it cuts well, binds tight, and takes it clean; we cut 50 acres in five days, at an expense of 40 cents per acre for wire; we hauled in our grain, and had no bother with loose bands, or with wire in threshing.

From James K. Pugh, Malone, Ill., August 15, 1877.—The Wood Harvester and Self-Binder I bought of you this season works to a charm, cutting and binding better than could be done by hand. I can truthfully recommend it to all who wish their grain cut and bound in a cheap, expeditious and efficient manner.

Forty Acres Cut and Bound in Two Days.

From John Moyers, Oxford, Mich., July 23, 1877.—The Wood Harvester and Self-Binder I purchased of you last week is a grand success, being far ahead of anything I ever imagined could be made, to assist the farmer in securing his crops. My son, a young man of 18, has operated it alone so far, and with perfect success. He cut in just two days a field containing forty acres with one team of three horses, without change, going half a mile to dinner, and taking a good "nooning." The Binder did its duty every time. I can safely say that the Wood Harvester and Binder will save one bushel of wheat per acre over any self-raker or dropper I ever used, and I have at present three on my farm. It is indeed wonderful to see how successfully this machine does its work; too much cannot be said in its praise. You will have a good Binder trade in this section next year. Johnnie, with his Harvester and Binder, has attracted as much attention as Barnum would with his "what is it."

King of the Harvest Field. Saved More than its Price in One Season.

From C. R. Brown, Harvard, Ill., Aug. 13, 1877.—Having completed cutting my harvest, I thought I would write you how I like the machines. As to the Mower, it is simply perfect, and I cannot see how it can be excelled. My Harvester and Binder have given me perfect satisfaction. You can talk about King Corn and King Cotton, but your Harvester and Binder is surely the King of the Harvest Field. I am well satisfied that the Harvester and Binder does not owe me one cent. I know that they have saved me more than their price in the saving of the grain and the labor of binders, and also in handling, as, so far, not one bundle has unbound or come apart in stacking, and I have stacked about 100 acres. I cut about 150 acres with your Harvester and Binder, and the other hundred acres with the * * * Harvester, and I could see very easily which I liked the best.

From Leonard Spalding, Sheridan Township, Poweshiek Co., Iowa, Aug. 16, 1877.—In 1866, I purchased one of your Harvesters and Binders, and cut and bound one hundred and fifteen acres, and put it in the shock with the help of only one man. All the above work was done in my own grain. The Binder hardly gave me a moment's trouble all through the harvest. This year I have cut and bound seventy-five acres, and, with the exception of the new improvements not being properly put on and thereby causing some breakage at first, it worked as well as it did last year; and, I believe, is good for fifteen years to come. The wire costs me from twenty to thirty cents per acre. The bundles hold better than hand-bound grain, and make no trouble in threshing. We let the wires pass through the thrasher, and they come out full length. I think the Harvester and Binder is the cheapest machine in use to do harvesting with, as it takes less help to pay and board and does such clean work.

No Expense for Repairs in Two Seasons' Use.

From Henry Howdyshell, Tama City, Iowa, Aug. 15, 1877.—I cut and bound with my Wood Harvester and Binder, in 1876, ninety acres of grain, and this year eighty acres, averaging as high as fourteen acres per day through the harvest. I believe by changing teams I could cut twenty acres per day. The wire this year has cost me twenty-two cents per acre in grain that will yield from twenty-five to thirty bushels per acre, and I consider this cheaper than the mere board of men to bind it by hand. I like the binding better than that done by hand, as it is cleaner and better work. I have stacked a large stack without having one bundle come loose in handling. I have been to no expense for repairs on the Binder for two years' work, and have had no breakages, and it is as good as new, and gives me perfect satisfaction. It runs light, is easily controlled, and is all right.

The Boss Machine. Leaves no Grain Uncut or Unbound.

From James Shepherd, Maud's Station, O., Aug. 20, 1877.—The Wood Self-Binder we bought of you this season gave us entire satisfaction. We believe we now have the "boss" machine. We cut and bound 115 acres of grain in all conditions, down, tangled, wet, dry, good and bad, and did the nicest, cleanest job we ever had done on our farm, at an expense of \$24.40 for wire, or about 21 cents per acre. The machine leaves no grain uncut or unbound. Our neighbors say they never saw as clean, nice work as the Binder did. For the amount of work the machine does, it runs very light. It does not sink into wet ground like ordinary reapers, owing to its very broad wheel. Our land is rolling, some of it very rough, but it makes no difference in the use of the machine. We have cut as much as 17 acres per day; our average was 14 acres per day, and we averaged 25 sheaves per minute while in motion. The capacity of the machine is only limited by the number of hours it is run. In threshing we had no trouble with the wire band. The grain feeds nicer than when bound by hand with straw, as it does not "chug." Our women did not have to work themselves to death this season, cooking for a gang of harvest hands, neither did it take a year's profits to feed and pay them. In this one item we think we saved nearly enough to pay the difference in price between the Binder and ordinary reapers. Farmers that are wide awake to their own interests should, and no doubt will, buy the Wood Self-Binder.

From J. W. McGinley, A. A. McGinley and James P. Douglas, Fort Collins, Col., Aug. 11, 1877.—We have used the Walter A. Wood Harvester and Binder this harvest and have cut one hundred and fifty acres, and will say that we believe the Harvester and Binder to be a perfect success—the best machine that we have ever used. We have cut, elevated and bound wheat and oats that had sunflowers that stood six feet high, and twenty acres of wheat that was over five feet long and all down and tangled. The machine cut it clean and did a good job, and we will just say that we will recommend the Walter A. Wood Harvester and Binder to all farmers wishing to buy a machine for speed and economy.

From Joel Smith, Milan, Erie Co., O., Aug. 23, 1877.—The Wood Harvester and Binder is, in my opinion, the best harvesting machine that the farmer can use. It has done for me better work than the Champion or Hubbard Reapers in the same field of grain, about 30 acres of which was standing grain, and 4 acres being oats, tangled in every direction and much of it flat to the ground. The stubble left by the Wood Harvester and Binder was not worth raking, and, if horses tell, the draft was no more than the others. The Walter A. Wood Mower on my farm seems to do more and better work than the * * * and the * * * which I had in the same field on equal ground.

From David Barnes, Big Thompson, Col., Aug. 27, 1877.—For a second time I add my testimonial in favor of the working of the Wood Harvester and Self-Binder purchased of you last season (1876), and I cannot use words to express my thoughts; but can say, the longer I use it the better it suits me, as it does its work in a manner unapproachable by any other machine I ever saw. My harvest is now over, and my Four Hundred Acres, cut and bound in better condition than any previous crops harvested by me, and with less trouble. The Harvester and Binder purchased of you late this season is perfection itself. The large amount saved in expense and grain has taught me that no farmer can afford to be without one, as the Harvester and Binder are durable, and with care will last for years. The cost of wire per acre, for my whole crop, thirty-five cents.

No Loose Bundles or Scatterings.

From Timothy Brown, Stillman Valley, Ogle County, Ill., Aug. 24, 1877.—The Wood Harvester with Self-Binder I bought of your agent at Davis Junction, last season, has worked to my entire satisfaction. I have cut and bound, this season, 56 acres of heavy oats and wheat in *better shape* than could have been done with the best self-rake reaper and bound by hand. The elevating is ahead of anything I have ever seen. It is perfectly adapted to all kinds of grain. The cost of wire per acre is from 28 to 30 cents. The condition of grain in stacking is far ahead of that bound by hand, there being no loose bundles or scattering grain. The cry against wire in straw I consider as perfectly absurd. The threshers who threshed my grain last season are anxious for the job this season, they experiencing no difficulty in threshing. I can cut and bind with three horses, on an average, 12 to 14 acres per day—about what could be cut and bound with a self-rake and crew of four to five men to bind. The cost of wire will not exceed the cost of board; thus, by using the Harvester and Binder, I can **save the wages of five binders**. As to durability, I consider it among the best, as I have run mine through two harvests, and the cost for repairs has been only \$2.50. I would not exchange for a new one, provided I had to draw the new one home and set it up.

From William M. Knoop, Casstown, Miami County, Ohio, January 21, 1878.—The Harvester and Binder bought of your agent, D. McConaughy, gave entire satisfaction. My grain was heavy, down and tangled, but was saved better than any other machine could do it and bound better than could be done by hand. My machine was not out of order the entire harvest, and I believe it to be very durable. All spectators pronounced it a success. It is easily managed. My cost for wire was 31 cents per acre. I found no trouble in cutting bands or from broken wire in threshing, letting the wire run through with the straw. I have fed the straw to my horses without injury. The Wood Self-Binder is as perfect a piece of machinery as I ever saw.

From Joseph Ray, Collinsville, Ohio, August 25, 1877.—The Harvester and Self-Binder I purchased from you this season did better work than I thought it could do. We cut some as heavy straw this year as I have ever seen, and the grain was all flat down. But the Binder did better work than could have been done with any other machine, with a set of hands. We cut 34 acres of grain at an expense of 32 cents per acre for wire. We had no use for hands.

Did More than was Claimed for it.

From Phillip Heater, Seven Mile, Butler Co., O., Aug. 20, 1877.—The Wood Harvester and Binder I bought of you this season has proved a success, and has given entire satisfaction. I cut and bound seventy acres of **heavy** grain, some of it down and tangled the worst kind. I did better and cleaner work than I could have done with any other kind of machine, and **with one-third of the expense**. The machine runs easily, has little or no side-draft, and is easily managed. We cut from twelve to fifteen acres per day, at an expense of thirty cents per acre for wire. I can, therefore, recommend it, as it did more than was claimed for it when I bought it.

From Matthew Budd, Millbrook, Kendall Co., Illinois, January 1, 1878.—With the Wood Harvester and Binder, purchased last harvest, we cut nine acres of wheat, using two horses till accustomed to the machine, then putting on a third horse and working it to the best of satisfaction. We next cut twenty-five acres of oats, some very heavy, some light and averaging over fifty bushels per acre; then about fifty acres of timothy, which was quite thin, the Binder doing well. After harvesting and having threshing done for twenty-five years, we can safely say we have never had so little straw left on the field or so little loose stuff around the stacks and thresher. The expense of wire was 25 cents per acre, but most of the timothy being thin, reduced the average very much. No necessity for cutting narrow swaths or waiting for the Binder to rest. Give him good oil and good wire and he will bind all you can cut.

From James Bowyer, Hamilton, Ohio, August 28, 1877.—The Wood Self-Binder I bought of you this season cut and bound up in good shape 65 acres of wheat, oats and barley, some of it very badly down and tangled up. The work was done in a very satisfactory manner; I am well pleased with it; the machine runs as light as could be expected of a machine that does the work it does; the bundles are well tied—better than hand-binding; the machine saves a bushel to the acre over an ordinary machine; I can recommend the machine to any farmer to buy.

From J. N. & I. Long, Boone, Ia., Dec. 28, 1877.—We bought, last harvest, from your agent at Boone, the Farmers' Lumber Company, one of your Harvesters and Self-Binders, with which we cut all our grain, about 100 acres, cut and bound in the most perfect manner. We are highly pleased with it, and do not hesitate to recommend it to all farmers who have much grain to cut.

Additional Testimony in favor of the Wood Self-Binding Harvester.

Our Self-Binding Harvester has an extensive sale in the States of Ohio, Indiana, Michigan, Illinois, Missouri, Kansas, Texas, Iowa, Wisconsin, Minnesota, Nebraska and Colorado and the Territories, and to any one who so desires, we will send circulars containing testimonials from any of the States mentioned, not covered by the letters given in this circular.

The fame of Walter A. Wood's Self-Binding Harvester is world-wide.

Now used in Europe, South America, South Africa, Australia, New Zealand,

AND ALL THE GRAIN-CROWING SECTIONS OF THE UNITED STATES.

DIRECTIONS.

When you order Machines or Repairs, be particular to mention the following :

1st. Town, County and State to which they are to be shipped, and by what route.

2d. Whether by Freight or Express.

3d. Number and Style of Machine for which Repairs are wanted, Name or Number of the Part wanted, and in what year the Machine was made or purchased.

4th. Your Post Office Address.

Repairs for Machines will be kept by our agents, and at our branch offices at New York, Chicago, Ill., Madison, Wis., St. Louis, Mo., St. Paul, Minn., and San Francisco, Cal.

All orders for Machines or Repairs will receive prompt attention. Any person who has ever purchased a Machine made at our establishment can at all times be supplied at reasonable prices by us, or our agents, with any Extra Parts they may require.

In order to facilitate convenience and accuracy in ordering Repairs, we issue a Separate Pamphlet giving Diagrams, Description, Number and Price of every part of our Machines, arranged under appropriate heads. The above mentioned pamphlet will also contain full and complete instructions for setting up and operating all our different styles of Machines. One of these pamphlets is furnished with each Machine, and every agent will have a supply of them to furnish customers, when called for.


OUR LINE OF MACHINES.

From it all Classes of Farmers can Select Machines Thoroughly Adapted to their Special Wants.

The addition of the Self-Binding Harvester to our line of machines renders it much more complete than that of any other manufacturer, comprising, as it does, **Single Mowers**, of different widths of cut; **Chain-Rake Reapers, Single and Combined**, of different widths of cut; **Sweep or Reel-Rake Reapers, Single or Combined**, of different widths of cut, and **Self-Binding Harvesters**, of different widths of cut.

All these styles of machines are sold upon their merits, and are fully warranted.

Order early, and thus make sure of getting a machine in good season.

 If this circular is sent or given to any one who can more easily read or better understand it in the German, Norwegian, Swedish or Bohemian languages, we or any of our Agents will send a copy in either of the above languages desired, upon application, free.

THE WALTER A. WOOD

Self-Binding Harvester.

ITS SUCCESS ABROAD.

First Prize Over all Others by the Royal Agricultural Society of England.

At the recent Show of the Royal Agricultural Society of England (the most important society in Great Britain, and whose reputation for its Annual Exhibitions and Trials is world-wide), held at Liverpool, commencing July 11, 1877, the Society offered a PRIZE for the BEST AUTOMATIC GRAIN-BINDER, to be awarded upon a competitive FIELD TRIAL, this being the first field trial of Binders for a prize ever had in Europe.

After a two days' Field Trial, in various kinds of grain, on the 14th and 17th of August, the

Walter A. Wood Binder Received the First Prize

over all competitors, and was awarded a SILVER MEDAL by the Society, being the highest and only Prize given.

IN ADDITION TO THE ABOVE,

THE SELF-BINDING HARVESTER

Has already been awarded in Europe alone :

Gold Medal at PRESTON, June 15th, 1876.

Special Silver Medal at CORK, August 1st, 1876.

Special Silver Medal at SOUTHPORT, September 14th, 1876.

Special Silver Medal at LONG SUTTON, Lincolnshire, September 20th, 1876.

Gold Medal at AYR SHOW, April 24th, 1877.

Prize of 50 Gulden, near ALKMAAR, Holland, Aug. 10th, 1877.

Bronze Medal at DOBELN, Saxony, September 8th, 1877.

Large Gold Medal of the Minister of Agriculture, at VITRY, France, September 16th, 1877.

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THE WALTER A. WOOD SELF-BINDING HARVESTE



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